

Virginia Board of Education - Standards for Biennial Approval of Education Programs
Accountability Measurement of Partnerships and Collaborations (8VAC20-542-40.7.a)
Part 1: Education Programs (excluding Administration and Supervision Programs)

Name of Institution: Virginia Polytechnic Institute and State University
Contact Person: Sue Magliaro
Phone No.: (540) 231-1802
Reporting Date: July 2010

Number	Education Programs - Partnership and Collaboration Name	Partnership and Collaboration Description - Please provide a brief description of the partnership and collaboration (about 50 words or less).	Description of PreK-12 School Needs - Briefly describe (about 50 words or less) how the partnership and collaboration meet the identified needs of the PreK-12 community.	Partners and Collaborators - Please list the names of the entities that took part in the partnership and collaboration.	Evidence of Agreement - Is there written documentation with the partners and collaborators? Yes or No?
1.	Southwest Virginia Professional Consortium	The purpose of this program is to develop a cadre of clinical faculty and mentors who are exemplary models of effective teaching for student teachers and beginning teachers. The program also develops and nurtures leadership abilities and exemplary practice in faculty and mentors while facilitating cooperation and communication among consortium members.	This grant-funded program addresses the recruitment and retention of qualified teachers through training faculty and mentors who work with pre-service teachers. Additionally, it addresses the need to improve mentor programs and provide meaningful professional development opportunities.	Public Schools of Roanoke City, Roanoke County, Botetourt, Craig, Floyd, Giles, Montgomery, Pulaski, Radford City, and Salem City.	Yes
2.	Montgomery County Public Schools- Teaching American History Grant (final year 2010)	The purpose of program is the acquisition of history content knowledge and the development of teaching skills in PK-12 teachers.	Improve teaching of U.S. History in MCPS ascertained by needs survey and SOL results.	MCPS-Sharon Zucherwar, social studies supervisor and Virginia Tech-David Hicks and Thomas Ewing.	Yes
3.	America on the World Stage Teaching American History Grant	David Hicks of VT serves on the Editorial Review Board to evaluate teacher work products and also serves on Advisory Board for the Transatlantic Teacher Exchange Program, as part of the grant.	Evaluate a series of lesson materials, alongside Pat Hughes and Heather Streets, that are developed by teachers who participate in the grant. D. Hicks also worked on the rubric and the focus for the types of works in which teachers should be engaging.	Albemarle County, Charlottesville City, Greene County, Madison County and Orange County Public Schools, with Andy Mink serving as contact person from UVA.	Yes
4.	Montgomery County Public Schools/Virginia Tech FIRST Robotics	High School students enhance their application of STEM concepts through hands-on applications mirroring real world processes, which improve numbers of students from underrepresented groups in STEM fields. College students are provided authentic opportunities for facilitating problem solving experiences with high school students, applying the engineering design process, and developing capacity to plan, lead, and participate in teaming processes.	This program addresses the need to provide students with STEM-related experiences.	Three high school teachers from Montgomery County Public Schools: Michael Collier, Tiffany Anton, and Charles Odum.	No
5.	* Training and Technical Assistance Center (TTAC)	Improve the educational opportunities and contribute to the success of children and youth with disabilities. TTAC services increase the capacity of schools, school personnel, service providers, and families to meet the needs of students with disabilities.	Addresses and meets the needs of students with disabilities, grades PK-12.	Special Education Directors in: Alleghany, Botetourt, Covington, Craig, Danville, Floyd, Franklin, Henry, Martinsville, Montgomery, Patrick, Pittsylvania, Roanoke City, Roanoke County, Salem, Bland, Bristol, Buchanan, Carroll, Dickenson, Galax, Giles, Grayson, Lee, Norton, Pulaski, Radford, Russell, Scott, Smyth, Tazewell, Washington, Wise, and Wythe.	Yes

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6.	Strategies for Collaborative Teaching of Mathematics in Grades 6 and 7	This collaborative project provided school-based and classroom-based professional development on mathematics instruction to grade 6 and 7 teachers in Montgomery County. In addition, the project involved those special needs teachers who worked with the grade 6 and 7 teachers.	Designed to address low statewide SOL mathematics scores for grades 6 and 7.	Montgomery County Public Schools. (Contact person was Jonathan Schulz, MCPS Mathematics Supervisor.)	No
7.	Project ESTEEM (Exploring Strategies to Engage and Empower Minority Students)	ESTEEM was designed as a sustainable community-based project focused on the enhancement of cultural identity, self-esteem, and self-efficacy in elementary-level minority children in Montgomery County. The project is designed to positively influence conceptions of identity through meaningful representations of culture through literacy integrated with science, mathematics and the arts.	In the local schools, it is common for African American/biracial/minority children to be in classrooms in which they are the only representatives of their ethnic groups. There are few to no elements in the local community with which minority children can identify. Minority children need support to build a strong sense of cultural identity.	Project ESTEEM is an after-school program that involves a collaborative effort including: (a) Virginia Tech School of Education Faculty (Brenda Brand and Mary Alice Barksdale, and doctoral students); (b) Radford University School of Ed faculty (Dr. T. Wallace); (c) the Community Group of Montgomery County; (d) the Christiansburg Institute; (e) Montgomery County Public Schools; and (f) Christiansburg Primary School.	No
8.	Studio STEM: Engaging Middle School Students in Networked Science and Engineering Projects	Studio STEM is an after-school program that implements and evaluates an inquiry-based studio experience supported by information and communication technologies. It uses engineering design activities that integrate digital modeling and social networking to engage students in investigating concepts and skills in science, technology, engineering, and math.	Studio STEM engages students in learning by capturing their situational, short-term interest in STEM/ICT topics and developing these short-term interests into longer-term interests.	SOE: Michael Evans (PI), Carol Brandt, and Brett Jones; University of Kentucky: Christine Schnittka; Shawsville Middle School: Dave Dickinson, Principal; and Boys & Girls Club of the New River Valley: Richelle Price.	Yes
9.	"University of Possibilities"	A partnership program developed by Garden Grove Elementary School to inform kindergarten and first-grade students about the importance of higher education.	Each kindergarten and first-grade classroom selected a partnering institution of higher education. Partner schools connected with students in various ways, including sharing information through a variety of electronic communications media, as well as in-person classroom visits by university personnel.	Garden Grove Elementary School (Garden Grove, CA); Virginia Teach (VT) School of Education (SOE); VT Office of Educational Research and Outreach; and Center for Instructional Technology Solutions in Industry and Education.	No

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10.	* Danville City Public Schools, Danville Education, Arts, and Cultural Center (DEACC) and the Center for Instructional Technology Solutions in Industry and Education Partnership (CITSIE)	CITSIE will work with DEACC, and the Galileo Magnet School to establish a video/audio center as part of an after-school program. The notion is to introduce high tech skills in an area that is of interest to disadvantaged students.	Danville City has high unemployment, high poverty, high dropout rate. Superintendent says that students pass the SOLs--need is for enrichment. DEACC is in low income neighborhood two blocks from Galileo.	Danville City Public Schools; Danville Education, Arts, and Cultural Center; and the Center for Instructional Technology Solutions in Industry and Education.	No
11.	Mary Ellen Henderson Middle School Partnership	Presented to students at Career Day regarding requirements for becoming a college professor; provided youth with experiential programs at Challenge Day demonstrating possibility of love and connection through the celebration of diversity, truth, and full expression; and, tutored ESOL students in math.	Helped students understand requirements for this career path so they could best choose appropriate classes; Challenge Day served as a proactive means of addressing common school issues such as teasing, bullying, social isolation; and tutoring for improved math understanding and performance.	Falls Church City Public Schools and Virginia Tech.	No
12.	Virginia Career VIEW	Provide career and educational resources and activities for Virginia residents from kindergarten through adulthood.	Provides hands-on activities and printed activities for grade levels K-adults through a free website www.vacareerview.org . Also conducts free counselor/educator training workshops on utilizing materials and activities with students and clients.	Virginia Department of Education: Career Clusters in Virginia; and Association of Computer-based Systems for Career Information (ACSCI).	Yes
13.	* The College Bound Summer Transition Awareness Program	Program for students with disabilities. Participants are 30 students with disabilities and their parents. In addition, 11-12 college student leaders are trained to serve as mentors to high school students.	Mutually beneficial for student and parent participants as well as for college students trained to support and mentor high school students with disabilities.	Funding from VDOE, VDRS, PepNet, donations and VT's Continuing and Professional Education; volunteers from VT, RU and NRCC including ADA office, disability services, faculty, and academic support personnel.	Yes
14.	Center for Creative Technologies in the Arts with subsidiary, IDEAS, Integrated Design+Education+Arts Studio	Works to conduct research and develop materials that use the arts and technology to develop critical and creative thinking skills in PK-12 environments. The program initiates collaborations between VT faculty and PK-12 teachers to develop and integrate products that combine the arts and technology to schools and classrooms.	IDEAS and CCTA are positioned to bring research and programming to combine the arts and technology to teach content standards while developing critical and creative thinking skills. All of these components have been identified as essential to current teaching and learning needs.	VT (SOE, School of Visual Arts, and Center for Creative Technologies in the Arts); and, schools in Craig, Floyd, Franklin, Giles, Montgomery, Patrick, Pulaski, Roanoke, and Wythe Counties, as well as cities of Roanoke and Salem .	Yes

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15.	Northern Virginia School Counseling Leadership team (SCLT)	Collaboration between district school counseling supervisors/directors and counselor education program faculty to create effective working relationships in support of effective school counselors and school counseling programs. Partnership includes summits organized and hosted by SCLT to meet identified needs of practicing school counselors from participating school districts.	School needs: (a) to maintain lines of communication between local PK-12 school counseling supervisors/directors and university counselor education program faculty; (b) to share information on practicum and internship placements, job fairs, and school counseling issues; (c) to provide professional development programs related to 21st century school counseling programs.	Representatives from the following PK-12 school districts: Alexandria, Arlington, Fairfax, Loudoun, Prince William, and Spotsylvania. Faculty members from the following universities with counselor education programs: George Mason University, George Washington University, Marymount University, and Virginia Tech.	No

* Note that some partnerships with P-12 schools relate to School of Education (SOE) programs other than licensure programs so no licensure program is checked.

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Part 2: Education Programs Matrix (excluding Administration and Supervision Programs)

Name of Institution: Virginia Polytechnic Institute and State University
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Approved Education Programs (Only education programs approved at your institution are listed.)		Elementary Education PreK-6	Mathematics Specialist for Elem./Middle Ed.	Reading Specialist	School Counselor PreK-12	French PreK-12	German PreK-12	Spanish PreK-12	Latin PreK-12	Agricultural Education	Business and Information Technology	Marketing Education	Family and Consumer Sciences	English as a Second Language PreK-12	Music Education - Instrumental PreK-12	Music Education - Vocal/Choral PreK-12	English	History and Social Sciences	Mathematics	Science - Biology	Science - Chemistry	Science - Earth Science	Science - Physics	Journalism (add-on endorsement)
Number	Partnership and Collaboration Name	Indicate each content area approved program that took part in each named "Partnership and Collaboration" by placing an 'X' under the appropriate column below.																						
1.	Southwest Virginia Professional Consortium	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
2.	Montgomery County Public Schools- Teaching American History Grant (final year 2010)																	X						
3.	America on the World Stage Teaching American History Grant																	X						
4.	Montgomery County Public Schools/Virginia Tech FIRST Robotics																		X				X	
5.	* Training and Technical Assistance Center (TTAC)																							
6.	Strategies for Collaborative Teaching of Mathematics in Grades 6 and 7		X																X					
7.	Project ESTEEM (Exploring Strategies to Engage and Empower Minority Students)	X																	X	X	X	X	X	
8.	Studio STEM: Engaging Middle School Students in Networked Science and Engineering Projects																		X				X	
9.	"University of Possibilities"	X																						
10.	* Danville City Public Schools, Danville Education, Arts, and Cultural Center (DEACC) and the Center for Instructional Technology Solutions in Industry and Education Partnership																							
11.	Mary Ellen Henderson Middle School Partnership																		X					
12.	Virginia Career VIEW				X																			
13.	* The College Bound Summer Transition Awareness Program																							
14.	Center for Creative Technologies in the Arts with subsidiary, IDEAS, Integrated Design+Education+Arts Studio														X	X								
15.	Northern Virginia School Counseling Leadership team (SCLT)				X																			

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Part 3: Administration and Supervision Programs

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Number	Administration and Supervision Programs - Partnership and Collaboration Name	Partnership and Collaboration Description - Please provide a brief description of the partnership and collaboration (about 50 words or less).	Description of School Leadership Needs - Briefly describe (about 50 words or less) how the partnership and collaboration meet the identified school leadership needs of the school community.	Partners and Collaborators - Please list the names of the entities that took part in the partnership and collaboration.	Evidence of Agreement - Is there written documentation with the partners and collaborators? Yes or No?
1.	Partnership with Hanover High School	Understanding a master schedule and the implications for meeting student needs.	At Hanover High School, worked with the principal to develop the master schedule and professional development activities for faculty.	Virginia Tech (VT) and Hanover High School personnel: George Sadler, principal; Bettian Aylor, senior teacher; Shelby Edmonds, guidance director.	No
2.	Partnership with Hanover High School Trade Center	Understanding how to work together as four comprehensive high schools and a trade center to develop a schedule that meets student needs, industry training hour requirements, and the specific needs of the home schools and county transportation.	Worked with Trade Center of Hanover Public Schools to develop compatible schedule to align with comprehensive high schools; included the bus schedule, alternate day format, and the adjusted schedules for early release and late arrivals.	VT faculty and Hanover personnel (Bob Stakey, director of secondary education; Vince D'Agostino, principal; Jeff Crook, principal; George Sadler, principal; and Charlie Hurd, principal).	No
3.	Virginia School Leadership Institute	VSLI is a partnership designed to prepare the next generation of educational leaders.	The Virginia School Leaders Institute is a comprehensive, in-residence, high-quality professional development experience. The institute offers two different programs: the Recently Appointed Administrators Program and the Aspiring Superintendents Program. Participants engage in multiple, hands-on activities structured to hone and expand existing skills and to sharpen decision-making ability.	The Virginia Tech School of Education, the Virginia Tech Center for Organizational and Technological Advancement, and the 19 member school divisions of the Western Virginia Public Education Consortium.	Yes
4.	Western Virginia Public Education Consortium	Forms a network of 19 school divisions, as well as faculty from Virginia Tech and Radford Universities, for professional development and support to those school divisions and universities.	Provides professional development for school leaders and instructional personnel.	Virginia Tech, Radford University, school divisions in counties of Alleghany, Bath, Bland, Botetourt, Craig, Floyd, Franklin, Giles, Henry, Montgomery, Patrick, Pulaski, Roanoke, Wythe, and the cities of Covington, Martinsville, Radford, Roanoke and Salem.	Yes

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5.	Regional Superintendents Study Groups	Provides networking and ongoing meetings of superintendents and university participants.	Discussions serve as informal needs assessment for program planning and evaluation, as well as an ongoing communication conduit.	Superintendents in Region VI: 15; Superintendents in Region VII: 19; Representatives of the Virginia Association of School Superintendents and the Virginia School Boards Association; university participants.	No
6.	AITES Grant Partnership Promoting Women in Information Technology Careers	Partnering with superintendents, counselors, teachers, and counties in five states to promote economic development through recruiting more women to prepare for jobs in information technology.	Annually conduct workshops, along with the extension agents from each county in each state, for counselors and teachers who have been identified by their superintendents; participants design mini-grants for \$300 grants aimed at recruiting women to careers in information technology.	Superintendents in the following states/counties: Virginia-Russell and Washington; Kentucky-Pike and Knott; WVA-McDowell and Summers; NC-Graham and Surry; and TN-Carter and Sullivan.	No
7.	Fairfax Educational Leadership Cohort (new cohort begins Fall 2010)	Program prepares PK-12 teachers to become school-based administrators or supervisors.	Addresses the need for school leaders in urban areas.	Fairfax County Public Schools.	No